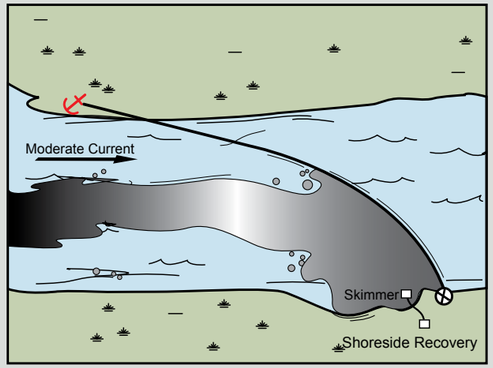
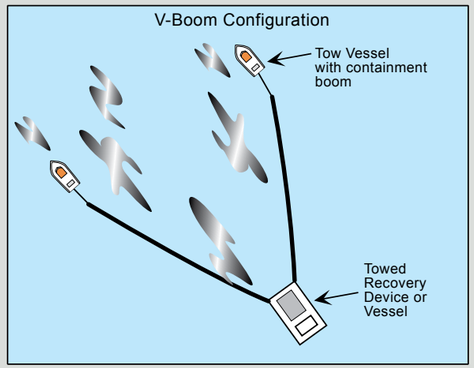
Geographic Response Strategies for Western Alaska Subarea, Southern Zone

Kanektok River, WAK-S10

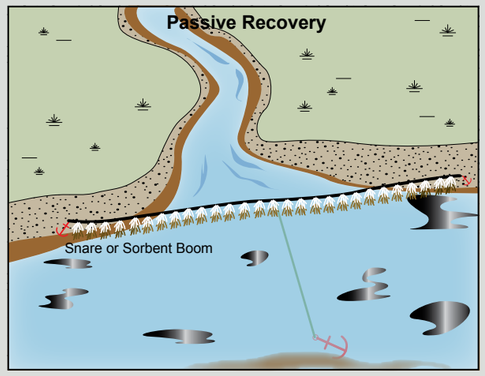
Center of map at 59° 44.90' N Lat., 161° 58.15' W Lon.



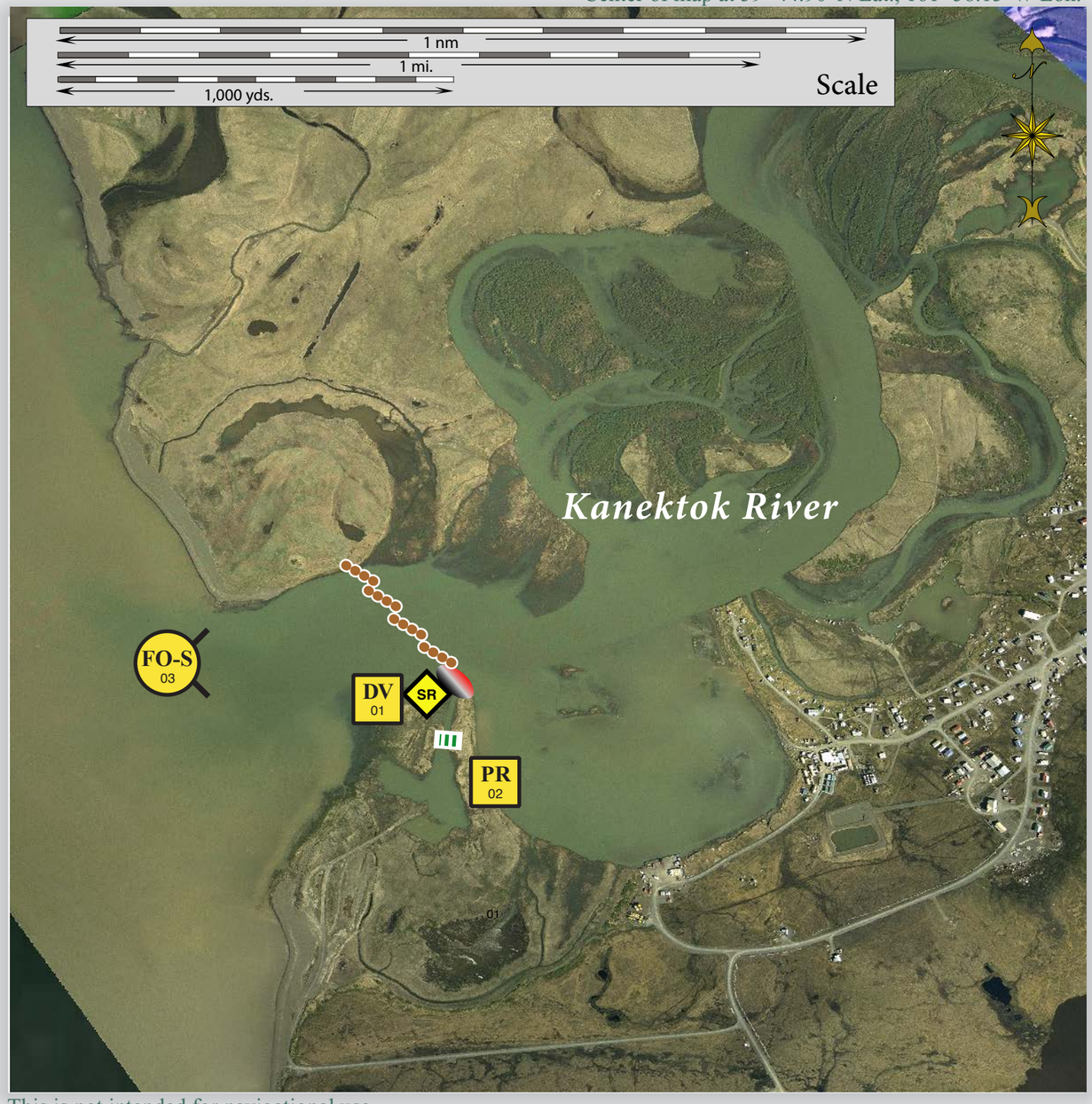
An example of the ***Diversion Booming Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Free-oil Recovery Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Passive Recovery Tactic***. Actual deployment should be adjusted for local conditions.



This is not intended for navigational use.

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Booming
- PR — Passive Recovery
- SR — Shoreside Recovery
- Fast-water Boom
- Snare or Sorbent Boom
- Tidal-seal Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

NUKA Research & Planning Group, LLC.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-10-01 DV	**Kanektok River** Lat. 59º 44.95'N Lon. 161º55.43'W	**Divert and Collect** Divert oil to shore side collection location on the shore of the Kanektok River.	Deploy anchors and boom with skiffs (class 6). Place 4 x 300 foot section of fast-water boom in a cascaded pattern at the proper angle to divert incoming oil to the collection sites. Complete the array with 60 ft. of tidal seal boom on the shore that will be used as a collection site. Set up shore-side recovery and tend throughout the tide.	**Deployment** **Equipment** 1200 ft. fast-water boom 60 ft. tidal seal boom 12 ea. anchor systems 4 ea. anchor stakes 1 ea. shore-side recovery systems **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew/general techs 2 ea. response techs **Tending** **Vessels** 1 ea. class 6 **Personnel/Shift** 2 ea. vessel crew/general techs 1 ea. skilled tech	Kwinhagak	Via marine waters Chart 16300	Fish- intertidal spawning-salmon(June-Sept.)herring,sheefish, arctic char, white fish Birds-waterfowl, seabird and shorebird concentration Habitat- exposed tidal flats, peat shoreline, marsh, Human use-subsistence	Vessel master should have local knowledge. Title 41 permitting required from ADNR. Use appropriate measures as outlined in the STAR manual to protect the shoreline. Surveyed: not yet Tested: not yet
S-10-02 PR	**Kanektok River** Lat. 59º 44.88'N Lon. 161º55.49'W	**Passive Recovery** Survey the area prior to deployment. Place passive recovery across entrances to the identified slough next to the Kanektok River.	Place and anchor snare line or sorbent boom across the channels of streams/sloughs in Kanektok River. Replace as necessary to maximize the recovery.	**Deployment** **Equipment** 100 ft. snare line or sorbent boom 1 ea. small anchor systems 4 ea. anchor stakes (Adjust equipment to reflect survey findings) **Vessels/Personnel/Shift** Same as S-10-01 **Tending** **Vessels/Personnel/Shift** Same as S-10-01	Kwinhagak	Via marine waters Chart 16300	Same as S-10-01	Vessel master should have local knowledge.
S-10-03 FO-S	**Kanektok River** Nearshore waters in the general area of: Lat. 59° 44.90'N Lon. 161°58.15'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Kanektok River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Kanektok River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Kwinhagak	Via marine waters Chart 16300	Same as S-10-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.